

B2  
Sub C1  
is capable of having its cytotoxic biological activity neutralized by antisera raised against human glycosylated TNF, to a replicable expression vehicle to obtain a replicable recombinant DNA comprising said DNA and said replicable expression vehicle;

(b) transforming eukaryotic cells with said replicable recombinant DNA to form transformants;

(c) culturing said transformants to cause said transformants to express said glycosylated human tumor necrosis factor; and

(d) isolating said glycosylated human tumor necrosis factor from the cultured transformants.

Concluded  
B3  
Sub C2  
5 (Twice-amended). A composition consisting essentially of glycosylated human tumor necrosis factor having cytotoxic biological activity and at least one pharmaceutically acceptable carrier, diluent, or excipient.

B4  
Sub C2  
6 (Amended). In the method for treating a human disease or condition treatable by the administration of an effective amount of human TNF alone or in combination with other active principles or inactive carriers, diluents or excipients, the improvement wherein said human TNF is glycosylated human TNF exhibiting cytotoxic biological activity.

Please add new claims 7-12 as follows:

BS

7 (New). A method in accordance with claim 2, wherein said DNA encoding human TNF or a variant thereof encodes human TNF.

8 (New). The method according to claim 7, further comprising the step of purifying the isolated glycosylated human tumor necrosis factor.

9 (New). A method in accordance with claim 7, wherein said eukaryotic cells are Chinese hamster ovary cells.

10 (New). A composition consisting essentially of a purified glycosylated human tumor necrosis factor produced by the process of claim 3, and at least one pharmaceutically acceptable carrier, diluent, or excipient.

11 (New). In the method for treating a human disease or condition treatable by the administration of an effective amount of human TNF alone or in combination with other active principles or inactive carriers, diluents or excipients, the improvement wherein said human TNF is a purified glycosylated human tumor necrosis factor produced by the process of claim 3.

12 (New). Isolated glycosylated tumor necrosis factor having cytotoxic biological activity, produced by the process of claim 2.